
Product Data Sheet

Product Name: IL2RA Human, sf9

Cat. No.: GP20479

Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

Synonyms Interleukin 2 Receptor Subunit Alpha; Interleukin 2 Receptor; Alpha; IL-2 Receptor Subunit Alpha; IL-2R Subunit Alpha; TAC Antigen; P55; Insulin-Dependent Diabetes Mellitus 10; Interleukin-2 Receptor Subunit Alpha; CD25 Antigen; IL-2-RA; IDDM10; IL2-RA; IMD41; TCGFR; CD25; IL2R.

Amino Acid Sequence ADPELCDDDP PEIPHATFKA MAYKEGTMLN CECKRGFRRRI KSGSLYMLCT GNSHSSWDN QCQCTSSATR NTKKQVTPQP EEQKERKTTE MQSPMQPVDQ ASLPGHCREP PPWENEATER IYHFVVGQMV YYQCVQGYRA LHRGPAESVC KMTGKTRWT QPQLICTGEM ETSQFPGEK PQASPEGRPE SETSCLVTTT DFQIQTEMAA TMETSIFTTE YQLEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTL PPSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSL LSPGKHHHHH H.

Formulation IL2RA protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Introduction

IL2-Ra is one of the three constituent subunits of the IL2 receptor. IL-2Ra is released into the serum after increased cellular expression such as increased activation of B and T cells. Clinical manifestations of IL2-Ra elevation include autoimmune conditions and some leukemias and lymphomas.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer

Caution: Product has not been fully validated for medical applications. For research use only.

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

IL2RA produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 461 amino acids (22-240 a.a.) and having a molecular mass of 52.1kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). IL2RA is expressed with a 239 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

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